

RAW SEQUENCE LISTING

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Application Serial Number: 10/621,006A
Source: 1Fn16
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/621,006A

DATE: 03/06/2007
 TIME: 11:31:17

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3 <110> APPLICANT: DAVIDSON, BEVERLY L.
4      LAW, LANE K.
6 <120> TITLE OF INVENTION: ADENOVIRUS SEROTYPE 30 (AD30)
8 <130> FILE REFERENCE: 17023.013US2
10 <140> CURRENT APPLICATION NUMBER: 10/621,006A
11 <141> CURRENT FILING DATE: 2003-07-15
13 <150> PRIOR APPLICATION NUMBER: 09/758,008
14 <151> PRIOR FILING DATE: 2001-01-09
16 <160> NUMBER OF SEQ ID NOS: 24
18 <170> SOFTWARE: PatentIn Ver. 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 371
22 <212> TYPE: PRT
23 <213> ORGANISM: Adenovirus
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29 Tyr Gly Tyr Ala Arg Asn Gln Asn Ile Pro Phe Leu Thr Pro Pro Phe
30     20          25          30
32 Val Ser Ser Asp Gly Phe Lys Asn Phe Pro Pro Gly Val Leu Ser Leu
33     35          40          45
35 Lys Leu Ala Asp Pro Ile Ala Ile Thr Asn Gly Asp Val Ser Leu Lys
36     50          55          60
38 Val Gly Gly Leu Thr Val Glu Gln Asp Ser Gly Asn Leu Ser Val
39     65          70          75          80
41 Asn Pro Lys Ala Pro Leu Gln Val Gly Thr Asp Lys Lys Leu Glu Leu
42     85          90          95
44 Ala Leu Ala Pro Pro Phe Asp Val Arg Asp Asn Lys Leu Ala Ile Leu
45     100         105         110
47 Val Gly Asp Gly Leu Lys Val Ile Asp Arg Ser Ile Ser Asp Leu Pro
48     115         120         125
50 Gly Leu Leu Asn Tyr Leu Val Val Leu Thr Gly Lys Gly Ile Gly Asn
51     130         135         140
53 Glu Glu Leu Lys Asn Asp Asp Gly Ser Asn Lys Gly Val Gly Leu Cys
54 145           150           155           160
56 Val Arg Ile Gly Glu Gly Gly Leu Thr Phe Asp Asp Lys Gly Tyr
57     165           170           175
59 Leu Val Ala Trp Asn Asn Lys His Asp Ile Arg Thr Leu Trp Thr Thr
60     180           185           190
62 Leu Asp Pro Ser Pro Asn Cys Lys Ile Asp Ile Glu Lys Asp Ser Lys
63     195           200           205
65 Leu Thr Leu Val Leu Thr Lys Cys Gly Ser Gln Ile Leu Ala Asn Val
66     210           215           220

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68 Ser Leu Ile Ile Val Asn Gly Lys Phe Lys Ile Leu Asn Asn Lys Thr
69 225 230 235 240
71 Asp Pro Ser Leu Pro Lys Ser Phe Asn Ile Lys Leu Leu Phe Asp Gln
72 245 250 255
74 Asn Gly Val Leu Leu Glu Asn Ser Asn Ile Glu Lys Gln Tyr Leu Asn
75 260 265 270
77 Phe Arg Ser Gly Asp Ser Ile Leu Pro Glu Pro Tyr Lys Asn Ala Ile
78 275 280 285
80 Gly Phe Met Pro Asn Leu Leu Ala Tyr Ala Lys Ala Thr Thr Asp Gln
81 290 295 300
83 Ser Lys Ile Tyr Ala Arg Asn Thr Ile Tyr Gly Asn Ile Tyr Leu Asp
84 305 310 315 320
86 Asn Gln Pro Tyr Asn Pro Val Val Ile Lys Ile Thr Phe Asn Asn Glu
87 325 330 335
89 Ala Asp Ser Ala Tyr Ser Ile Thr Phe Asn Tyr Ser Trp Thr Lys Asp
90 340 345 350
92 Tyr Asp Asn Ile Pro Phe Asp Ser Thr Ser Phe Thr Phe Ser Tyr Ile
93 355 360 365
95 Ala Gln Glu
96 370
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100 <211> LENGTH: 362
101 <212> TYPE: PRT
102 <213> ORGANISM: Adenovirus
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106 1 5 10 15
108 Tyr Gly Tyr Ala Arg Asn Gln Asn Ile Pro Phe Leu Thr Pro Pro Phe
109 20 25 30
111 Val Ser Ser Asp Gly Phe Gln Asn Phe Pro Pro Gly Val Leu Ser Leu
112 35 40 45
114 Lys Leu Ala Asp Pro Ile Ala Ile Val Asn Gly Asn Val Ser Leu Lys
115 50 55 60
117 Val Gly Gly Leu Thr Leu Gln Asp Gly Thr Gly Lys Leu Thr Val
118 65 70 75 80
120 Asn Ala Asp Pro Pro Leu Gln Leu Thr Asn Asn Lys Leu Gly Ile Ala
121 85 90 95
123 Leu Asp Ala Pro Phe Asp Val Ile Asp Asn Lys Leu Thr Leu Ala
124 100 105 110
126 Gly His Gly Leu Ser Ile Ile Thr Lys Glu Thr Ser Thr Leu Pro Gly
127 115 120 125
129 Leu Arg Asn Thr Leu Val Val Leu Thr Gly Lys Gly Ile Gly Thr Glu
130 130 135 140
132 Ser Thr Asp Asn Gly Gly Thr Val Cys Val Arg Val Gly Glu Gly Gly
133 145 150 155 160
135 Gly Leu Ser Phe Asn Asn Asp Gly Asp Leu Val Ala Phe Asn Lys Lys
136 165 170 175
138 Glu Asp Lys Arg Thr Leu Trp Thr Thr Pro Asp Thr Ser Pro Asn Cys
139 180 185 190

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141 Lys Ile Asp Gln Asp Lys Asp Ser Lys Leu Thr Leu Val Leu Thr Lys
 142 195 200 205
 144 Cys Gly Ser Gln Ile Leu Ala Asn Val Ser Leu Ile Val Val Asp Gly
 145 210 215 220
 147 Lys Tyr Lys Ile Ile Asn Asn Asn Thr Gln Pro Ala Leu Lys Gly Phe
 148 225 230 235 240
 150 Thr Ile Lys Leu Leu Phe Asp Glu Asn Gly Val Leu Met Glu Ser Ser
 151 245 250 255
 153 Asn Leu Gly Lys Ser Tyr Trp Asn Phe Arg Asn Glu Asn Ser Ile Met
 154 260 265 270
 156 Ser Thr Ala Tyr Glu Lys Ala Ile Gly Phe Met Pro Asn Leu Val Ala
 157 275 280 285
 159 Tyr Pro Lys Pro Thr Ala Gly Ser Lys Lys Tyr Ala Arg Asp Ile Val
 160 290 295 300
 162 Tyr Gly Asn Ile Tyr Leu Gly Gly Lys Pro Asp Gln Pro Val Thr Ile
 163 305 310 315 320
 165 Lys Thr Thr Phe Asn Gln Glu Thr Gly Cys Glu Tyr Ser Ile Thr Phe
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 168 Asp Phe Ser Trp Ala Lys Thr Tyr Val Asn Val Glu Phe Glu Thr Thr
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 172 355 360
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 178 <213> ORGANISM: Adenovirus
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 181 Met Ser Lys Arg Leu Arg Val Glu Asp Asp Phe Asn Pro Val Tyr Pro
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 184 Tyr Gly Tyr Ala Arg Asn Gln Asn Ile Pro Phe Leu Thr Pro Pro Phe
 185 20 25 30
 187 Val Ser Ser Asp Gly Phe Lys Asn Phe Pro Pro Gly Val Leu Ser Leu
 188 35 40 45
 190 Lys Leu Ala Asp Pro Ile Thr Ile Ala Asn Gly Asp Val Ser Leu Lys
 191 50 55 60
 193 Val Gly Gly Leu Thr Leu Gln Glu Gly Ser Met Thr Val Asp Pro
 194 65 70 75 80
 196 Lys Ala Pro Leu Gln Leu Ala Asn Asn Lys Lys Leu Glu Leu Val Tyr
 197 85 90 95
 199 Val Asp Pro Phe Glu Val Ser Ala Asn Lys Leu Ser Leu Lys Val Gly
 200 100 105 110
 202 His Gly Leu Lys Ile Leu Asp Asp Lys Ser Ala Gly Gly Leu Lys Asp
 203 115 120 125
 205 Leu Ile Gly Lys Leu Val Val Leu Thr Gly Lys Gly Ile Gly Thr Glu
 206 130 135 140
 208 Asn Leu Gln Asn Thr Asp Gly Ser Ser Arg Gly Ile Gly Ile Ser Val
 209 145 150 155 160
 211 Arg Ala Arg Glu Gly Leu Thr Phe Asp Asn Asp Gly Tyr Leu Val Ala
 212 165 170 175

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214 Trp Asn Pro Lys Tyr Asp Thr Arg Thr Leu Trp Thr Thr Pro Asp Thr
215 180 185 190
217 Ser Pro Asn Cys Arg Ile Asp Lys Glu Lys Asp Ser Lys Leu Thr Leu
218 195 200 205
220 Val Leu Thr Lys Cys Gly Ser Gln Ile Leu Ala Asn Val Ser Leu Ile
221 210 215 220
223 Val Val Ser Gly Lys Tyr Gln Tyr Ile Asp His Ala Thr Asn Pro Thr
224 225 230 235 240
226 Leu Lys Ser Phe Lys Ile Lys Leu Leu Phe Asp Asn Lys Gly Val Leu
227 245 250 255
229 Leu Pro Ser Ser Asn Leu Asp Ser Thr Tyr Trp Asn Phe Arg Ser Asp
230 260 265 270
232 Asn Leu Thr Val Ser Glu Ala Tyr Lys Asn Ala Val Glu Phe Met Pro
233 275 280 285
235 Asn Leu Val Ala Tyr Pro Lys Pro Thr Thr Gly Ser Lys Lys Tyr Ala
236 290 295 300
238 Arg Asp Ile Val Tyr Gly Asn Ile Tyr Leu Gly Gly Leu Ala Tyr Gln
239 305 310 315 320
241 Pro Val Val Ile Lys Val Thr Phe Asn Glu Glu Ala Asp Ser Ala Tyr
242 325 330 335
244 Ser Ile Thr Phe Glu Phe Val Trp Asn Lys Glu Tyr Ala Arg Val Glu
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247 Phe Glu Thr Thr Ser Phe Thr Phe Ser Tyr Ile Ala Gln Gln
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251 <210> SEQ ID NO: 4
252 <211> LENGTH: 330
253 <212> TYPE: PRT
254 <213> ORGANISM: Adenovirus
256 <400> SEQUENCE: 4
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258 1 5 10 15
260 Tyr Glu Asp Glu Ser Ser Ser Gln His Pro Phe Ile Asn Pro Gly Phe
261 20 25 30
263 Ile Ser Pro Asp Gly Phe Thr Gln Ser Pro Asn Gly Val Leu Ser Leu
264 35 40 45
266 Lys Cys Val Asn Pro Leu Thr Thr Ala Ser Gly Ser Leu Gln Leu Lys
267 50 55 60
269 Val Gly Ser Gly Leu Thr Val Asp Thr Thr Asp Gly Ser Leu Glu Glu
270 65 70 75 80
272 Asn Ile Lys Val Asn Thr Pro Leu Thr Lys Ser Asn His Ser Ile Asn
273 85 90 95
275 Leu Pro Ile Gly Asn Gly Leu Gln Ile Glu Gln Asn Lys Leu Cys Ser
276 100 105 110
278 Lys Leu Val Val Leu Thr Gly Lys Gly Ile Gly Lys Leu Gly Asn Gly
279 115 120 125
281 Leu Thr Phe Asp Ser Ser Asn Ser Ile Ala Leu Lys Asn Asn Thr Leu
282 130 135 140
284 Trp Thr Gly Pro Lys Pro Glu Ala Asn Cys Ile Ile Glu Tyr Gly Lys
285 145 150 155 160

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287 Gln Asn Pro Asp Ser Lys Leu Thr Leu Ile Leu Val Lys Asn Gly Gly
288 165 170 175
290 Ile Val Asn Gly Tyr Val Thr Leu Met Gly Ala Ser Asp Tyr Val Asn
291 180 185 190
293 Thr Leu Phe Lys Asn Lys Asn Val Ser Ile Asn Val Glu Leu Tyr Phe
294 195 200 205
296 Asp Ala Thr Gly His Ile Leu Pro Asp Ser Ser Ser Leu Lys Thr Asp
297 210 215 220
299 Leu Glu Leu Lys Tyr Lys Gln Thr Ala Asp Phe Ser Ala Arg Gly Phe
300 225 230 235 240
302 Met Pro Ser Thr Thr Ala Tyr Pro Phe Val Leu Pro Asn Ala Gly Thr
303 245 250 255
305 His Asn Glu Asn Tyr Ile Phe Gly Gln Cys Tyr Tyr Lys Ala Ser Asp
306 260 265 270
308 Gly Ala Leu Phe Pro Leu Glu Val Thr Val Met Leu Asn Lys Arg Leu
309 275 280 285
311 Pro Asp Ser Arg Thr Ser Tyr Val Met Thr Phe Leu Trp Ser Leu Asn
312 290 295 300
314 Ala Gly Leu Ala Pro Glu Thr Thr Gln Ala Thr Leu Ile Thr Ser Pro
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317 Phe Thr Phe Ser Tyr Ile Arg Glu Asp Asp
318 325 330
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323 <212> TYPE: PRT
324 <213> ORGANISM: Adenovirus
326 <400> SEQUENCE: 5
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330 Tyr Asp Thr Glu Thr Gly Pro Pro Thr Val Pro Phe Leu Thr Pro Pro
331 20 25 30
333 Phe Val Ser Pro Asn Gly Phe Gln Glu Ser Pro Pro Gly Val Leu Ser
334 35 40 45
336 Leu Arg Leu Ser Glu Pro Leu Val Thr Ser Asn Gly Met Leu Ala Leu
337 50 55 60
339 Lys Met Gly Asn Gly Leu Ser Leu Asp Glu Ala Gly Asn Leu Thr Ser
340 65 70 75 80
342 Gln Asn Val Thr Thr Val Ser Pro Pro Leu Lys Lys Thr Lys Ser Asn
343 85 90 95
345 Ile Asn Leu Glu Ile Ser Ala Pro Leu Thr Val Thr Ser Glu Ala Leu
346 100 105 110
348 Thr Val Ala Ala Ala Pro Leu Met Val Ala Gly Asn Thr Leu Thr
349 115 120 125
351 Met Gln Ser Gln Ala Pro Leu Thr Val His Asp Ser Lys Leu Ser Ile
352 130 135 140
354 Ala Thr Gln Gly Pro Leu Thr Val Ser Glu Gly Lys Leu Ala Leu Gln
355 145 150 155 160
357 Thr Ser Gly Pro Leu Thr Thr Asp Ser Ser Thr Leu Thr Ile Thr
358 165 170 175

VERIFICATION SUMMARY

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